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(54) Title: CELL LINES AND CONSTRUCTS USEFUL IN PRODUCTION OF E1-DELETED ADENOVIRUSES IN ABSENCE OF REPLICATION COMPETENT ADENOVIRUS

(57) Abstract: Cell lines useful for trans-complementing E1-deleted adenoviral vectors are described. The cell lines are capable of providing high yields of E1-deleted adenoviral vectors in the absence of replication-competent adenovirus over multiple passages.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C12N15/861 C12N5/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C12N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, MEDLINE, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 97 00326 A (FALLAUX FRITS JACOBUS ;UNIV LEIDEN (NL); BOUT ABRAHAM (NL); EB ALE) 3 January 1997 (1997-01-03) cited in the application the whole document ---	1-19
Y	US 5 891 690 A (MASSIE BERNARD) 6 April 1999 (1999-04-06) cited in the application column 9, line 31 - line 50 ---	1-19 -/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>FALLAUX F. ET AL.: "New helper cells and matched early region 1-deleted adenovirus vectors prevent generation of replication-competent adenoviruses". <i>HUMAN GENE THERAPY</i>, vol. 9, no. 9, 1 September 1998 (1998-09-01), pages 1909-1917, XP002111070 ISSN: 1043-0342 the whole document, especially Fig. 1 the whole document ---</p>	1-19
A	<p>IMLER J -L ET AL: "Novel complementation cell lines derived from human lung carcinoma A549 cells support the growth of E1-deleted adenovirus vectors." <i>GENE THERAPY</i>, vol. 3, no. 1, 1996, pages 75-84, XP000990623 ISSN: 0969-7128 cited in the application the whole document ---</p>	1-19
P,X	<p>GAO G.-P. ET AL.: "A cell line for high-yield production of E1-deleted adenovirus vectors without the emergence of replication-competent virus." <i>HUMAN GENE THERAPY</i>, vol. 11, no. 1, 1 January 2000 (2000-01-01), pages 213-219, XP000990183 ISSN: 1043-0342 the whole document ---</p>	1-19

INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)		Publication date
WO 9700326	A 03-01-1997	AU 6018296	A 15-01-1997	A
		CA 2222140	A 03-01-1997	A
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